



west virginia department of environmental protection

Division of Mining and Reclamation
601 57th Street, SE
Charleston, WV 25304-2345
Phone: 304-926-0490
Fax: 304-926-0496

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

**WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WATER POLLUTION CONTROL PERMIT**

NPDES PERMIT NO.: WV1029690
ASSOCIATED PERMITS: S501807
S501807(SMA)

ISSUE DATE: _____

EXPIRE DATE: _____

SUBJECT: Haulroad; Highwall Miner; Surface Mine

SUPERSEDES/ N/A
EFFECTIVE DATE:

DRAFT

Revised 4-18-12

HEALTH CERTIFICATE:

LOCATION:	Delbarton	Logan, Mingo	Group C	Tug Fork River
	(City)	(County)	(Hydrologic)	(Drainage Basin)

TO WHOM IT MAY CONCERN:

This is to certify that: CONSOL OF KENTUCKY INC
1000 CONSOL ENERGY DR
CANONSBURG, PA 15317

is hereby granted a West Virginia NPDES Water Pollution Control Permit to:

open and operate the Buffalo Mountain Surface Mine in the Upper Kittanning, Middle Kittanning, Middle Kittanning Leader, Five Block, Stockton, Coalburg Rider, Coalburg, Buffalo, Lower Buffalo, Winifrede Seam and all associated splits and riders. The operation will discharge treated and storm water into Unnamed Tributaries of Little Road Branch, Unnamed Tributaries of/and Ruth Trace Branch, Unnamed Tributaries of/and Conley Branch, Unnamed Tributaries of/and Hell Creek, Unnamed Tributaries of/and Pigeonroost Creek, Unnamed Tributary of Stonecoal Branch, all of Pigeon Creek, Unnamed Tributaries of Pigeon Creek, Unamed Tributaries of/and Miller Creek, and Unnamed Tributaries of Buffalo Creek, all of Tug Fork of the Big Sandy River of the Ohio River.

Beware: This permit contains special conditions.

This permit is subject to the following terms and conditions:

--The effluent limitations, monitoring requirements and other conditions set forth in Section A, B, C and D.

By : _____
Thomas L. Clarke
Director

Promoting a healthy environment.

DRAFT

2. **EFFLUENT LIMITATIONS AND MONITORING FREQUENCY:** Outlets should be limited and monitored by the permittee as specified below:

[illegible]

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Permit No. WV1029690

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Outlet Number	Effluent Type	Latitude	Elevation	EFFLUENT
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- | Outlet | Effluent | Latitude | Longitude | Frequency | Method |
|--------|----------|----------|-----------|-----------|--------|
| | | | | | |

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Outlet Number	Effluent Type	Latitude Longitude	Elevation In Feet	EFFLUENT CHARACTERISTICS	Begins	Ends	Quan/ Conc	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS		
								Min. Daily	Avg. Monthly	Max. Daily	Units	Measurement Freq.	Sample Type
094	L	37°42'55" 82°12'35"	990	Flow	1		Quan	Report Only	Report Only	Report Only	GPM	Semi-monthly	Estimated
				Specific Conductance	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				pH	1		Conc	6.00	N/A	9.00	Std Units	Semi-monthly	Grab
				Alkalinity, Total	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Bicarbonate Ion-(as HC03)	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Total Suspended Solids	1		Conc	Report Only	35.00	70.00	MG/L	Semi-monthly	Grab
				Settleable Solids	1		Conc	Report Only	Report Only	0.50	ML/L*	See Section A of Permit	Grab
				Nitrogen Nitrate	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Calcium, Total (as Ca)	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Magnesium,Tot (as Mg)	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Sodium,Total (as Na)	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Potassium, Total (as K)	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Total Sulfates (as S04)	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Selenium, Total Recoverable	1		Conc	Report Only	4.70	8.20	UG/L	Semi-monthly	Grab
				Iron, Total (as Fe)	1		Conc	Report Only	1.42	2.46	MG/L	Semi-monthly	Grab
				Manganese, Total (as Mn)	1		Conc	Report Only	2.00	3.47	MG/L	Semi-monthly	Grab
				Aluminum, Total (as Al)	1		Conc	Report Only	0.46	0.79	MG/L	Semi-monthly	Grab
				Aluminum, Diss. (as Al)	1		Conc	Report Only	Report Only	Report Only	MG/L	Semi-monthly	Grab
				Chronic Tox-Ceriodaphnia Dubia	1		Conc	Report Only	0.82	1.64	TUc	Quarterly	Grab
					(See 3, 4)			Total Dissolved Solids (TDS)	1		Conc	Report Only	Report Only

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